

Work Order ID 64036 - 1

November 23, 2010 12:11:07 PM

Page 1

Item ID: D2011-101

Accept

Revision ID:

Item Name: 6" Mirror

Setup Start

Stop

Start Date: 11/23/10

Start Qty: 50.00

Required Date: 11/26/10

Req'd Qty: 50.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan: CZ

Date: 10/11/23 Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D2011

Rev G

100



Purchasing

Purchasing

PURCHASING

0.00

Memo

0.00

Issue P/O: 12978 ☐ Mirror P/N: CHM10601 ☐ Possible supplier:
Auto Parts Extra ☐ Material release note required

CZ 10/11/23 50

110



Packaging

Packaging

Receive & Inspect for Damage & Mat'l Certs

0.00

Memo

0.00

Ensure material certification is attached

10/11/24 (50)

120



QC

Quality Control

QC6- Inspect dimensions to drawing

0.00

Memo

0.00

10/11/25

counts
(x10)

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Item ID: D2011-101

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Required Date: 11/26/10

Reference:

Start Qty: 50.00

Req'd Qty: 50.00

Accept



Setup Start



Stop



Cust Item ID:

Customer:

Approvals:

Process Plan:

QC:

Date:

Date:

Tooling:

SPC (Y/N):

Date:

Date:

Run Start



Stop



Sequence ID/
Work Center ID

130



Small Fab

Small Fab

Operation
Description

Small Fab

Memo

1- Wrap mirror with plastic wrap

2- Discard Hardware & Install new hardware loosely

3- Crimp stud as per Dwg D2011

Set Up/
Run Hours

0.00

0.00

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

EP 11/01/05 (S)

Ph

140



QC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

Memo

4- Test assembly to 50lbs pull test after 24 hours

0.00

S 11/01/05

(X) (H)

150



Packaging

Packaging

Identify as per dwg & Stock Location: *227*

0.00

Memo

0.00

EP 11/06 (Y)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: D2011-101 PAR #: _____ Fault Category: Small Fns NCR: Yes No DQA: ✓ Date: 10-01-05
 Resolution: Scrap Disposition: Scrap QA: N/C Closed: ✓ Date: 11/01/05

NCR: <u>64036</u>		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
<u>10/01/05</u>	<u>130/140</u>	Mirror was found At Assembly that the rubber seal around the inside was damaged when pull test @ 50lbs was	<u>KS1042</u>	- inform supplier of issue Attach email copies to w/o	<u>WIA</u> to forward the receiving date.		<u>KS1042</u>	<u>S</u> <u>11/01/05</u>
		Done mirror power out/adjust R.C. manufacture Defect.	<u>KS1042</u>	- scrap + destroy <u>1/Retain</u> Qty <u>(1)</u>	<u>KS</u> <u>11/01/05</u>	<u>S</u> <u>11/01/05</u>	<u>KS1042</u>	<u>S</u> <u>11/01/05</u>

NOTE: Date & initial all entries

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Item ID: D2011-101

Revision ID:

Item Name: 6" Mirror

Start Date: 11/23/10

Start Qty: 50.00

Required Date: 11/26/10

Req'd Qty: 50.00

Reference:

Accept



Setup Start



Stop



Cust Item ID:

Customer:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

160



QC

Quality Control

Operation
Description

QC21- Final Inspection - Work Order Release

Memo

Set Up/
Run Hours

0.00

0.00

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

CK 11/01/06

MF
11-01-06

Kitlist Print

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Page 1

Work Order ID: 64036

Parent Item: D2011-101

Parent Item Name: 6" Mirror



Start Date: 11/23/10

Required Date: 11/26/10

Start Qty: 50.00

Required Qty: 50.00

Comments: IPP: J 04.09.15 Added Steps 5-7 KJ/JLM IPP:
K 05.12.15 chg black sikaflex for white EC IPP L 08.11.06 new
drawing EC verify: DD IPP: M 08.12.19 Added step 3 KJ Verified
by: LL IPP rev N 10.01.13 added wrap per ncr09-118 EC verified by:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN960JD416L Washer	NAS1149D0416J	Purchased	No			110	Each	182.0000	1	50			
-----------------------	---------------	-----------	----	--	--	-----	------	----------	---	----	--	--	--

Location	Loc Qty	Loc Code
ST346	178	
106785	2	
110153	176	
ST351	4	
115103	4	

CHM-10601 Mirror 6"		Purchased	No			130	Each	6.0000	1	50			
------------------------	--	-----------	----	--	--	-----	------	--------	---	----	--	--	--

Location	Loc Qty	Loc Code
ST	6	
58398	6	

D2829 Threaded Stud		Manufactured	No			130	Each	51.0000	1	50			
------------------------	--	--------------	----	--	--	-----	------	---------	---	----	--	--	--

Location	Loc Qty	Loc Code
ST025	51	
54930	2	
56986	2	
58567	6	
62087	41	

EP 11/01/05

EP 11/01/05

EP 11/01/05

662477 (40)

4/41

Print

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Page 2

Work Order ID: 64036

Parent Item: D2011-101

Parent Item Name: 6" Mirror



D3014-1



Locknut

Manufactured No

130

Each

253.0000

1

50

Start Date: 11/23/10

Start Qty: 50.00

Required Date: 11/26/10

Required Qty: 50.00



EP 11/01/05
504

Location

ST033

18605

Loc Qty

253

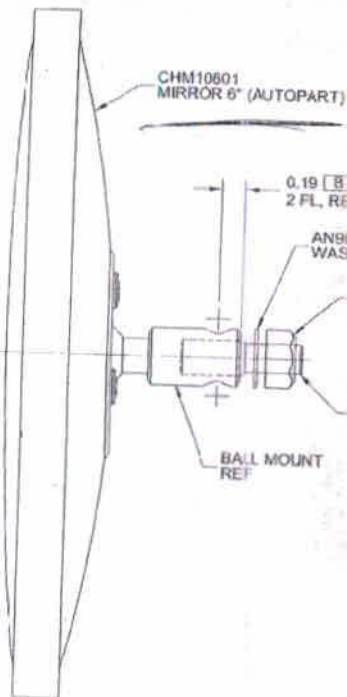
253

Loc Code

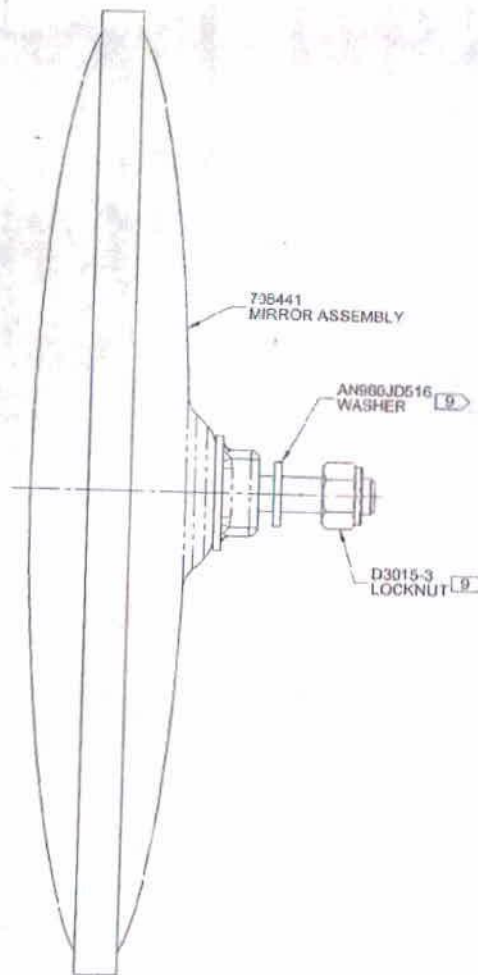
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Shop Packet Print

Page 2



D2011-101 MIRROR ASSEMBLY 6"



D2011-103 MIRROR ASSEMBLY 8"

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: D2011-101 = 0.6 lbs APPROX.; D2011-103 = 1.0 lbs APPROX.
- 8) D2829 INSTALLATION PROCEDURE:
 - APPLY LOCKTITE 262 TO $\phi 5/16$ END OF D2829
 - THREAD BY HAND INTO BALL MOUNT UNTIL ENTIRE $\phi 5/16$ END OF D2829 IS WITHIN BALL MOUNT
 - CRIMP BALL MOUNT ON TWO OPPOSING SIDES, 0.19 FROM END AS ILLUSTRATED USING TOOL DT8317
 - CRIMP TO DEPTH OF 0.040 ± 0.010 USING R0.125
- 9) INSTALL LOOSE

ITEM	QTY -101	QTY -103	P/N	DESCRIPTION
1	X		D2011-101	MIRROR ASSEMBLY 6"
2		X	D2011-103	MIRROR ASSEMBLY 8"
3	1		D2829	THREADED STUD
4	1		D3014-1	LOCKNUT
5		1	D3015-3	LOCKNUT
6	1		CHM10601	MIRROR 6" (AUTOPART)
7		1	708441	MIRROR 8" (VELVAC)
8	1		AN980JD416L	WASHER
9		1	AN980JD516	WASHER

C21011123
w/10:64036

RELEASED
18-10-29

G	REDRAWN IN SOLIDWORKS TO CURRENT STANDARD AND TRANSFERRED TO "B" SIZE FORMAT. MIRROR 6" (AUTOPART) AND CHM10601 WERE MIRROR 6" (GROTE) AND P/N 28043 (2N D3-1) ADDED (D2829 (2N D3-1 AND 2N C5-1) REMOVED DRILLING NOTE, VIEW A-A AND SINGLEX APPLICATION NOTE, VIEW A-A AND SINGLEX APPLICATION NOTE IS DISCONTINUED	MB	08.10.06
F	ADD HOLES FOR SEALANT ON -101	CP	01.09.10
E	NEW 8" MIRROR	CP	01.05.08
D	NEW 6" MIRROR, ADD NUT, REMOVED STUD	CP	01.04.23
C	REPLACE DOMINION AUTO MIRRORS WITH PHILLIPS, ADDED STUDS, REDRAWN	RF	09.06.01
B	SINGLEX 241 ADDED	JB	08.04.09
A	DWG NO. WAS DSP1011, ADDED -103	JB	06.06.15
-	NEW ISSUE	JB	06.03.31
REV.	DESCRIPTION	BY	DATE
DESIGN	JB		
DRAWN			
CHECKED			
MFG APPR			
APPROVED			
OE APPR			
DATE	08.10.06		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.
D2011

TITLE
MIRROR ASSEMBLY

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REV. G
SHEET 1 OF 1
SCALE
NTS



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO12978

Purchase Order Date 11/23/10

PO Print Date 11/23/10

Page Number 1 of 1

Order From :

VC-AUT001

AUTO PARTS EXTRA
1000 RUE LANSDOWNE
HAWKESBURY, ON K6A 1H7
CA

Contact Name

Vendor Phone 613 632 1191

Vendor Fax 613 632 2350

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED
CL 10/11/23

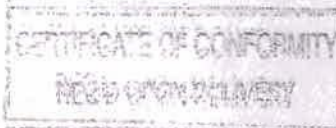
Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	CHM-10601	Mirror 6"	11/26/10 Yes	✓ 50.00 Each	CH Robinson Int	\$18.9500	\$947.50

Special Inst: AS PER DWG D2011 REV. G
B64036
AUTO PART P/N: CHM-10601

CL 10/11/23

PO Total:

\$947.50



Change Nbr: 1

Change Date: 11/23/10

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable



**AUTO PARTS • PIÈCES D'AUTO
TRUCK PARTS • PIÈCES DE CAMION
ENGINE-MARINE • MOTEUR-MARINE
PERFORMANCE PARTS • PIÈCES DE PERFORMANCE
TIRES • PNEUS**



Past due accounts bear 2% interest per month (24% per annum). If this account is placed with a 3rd party collection, an administrative cost of 25% will be added. All exchanges and refund claims must be accompanied by this invoice. Electrical parts not returnable. All parts returned are subject to 20% handling charge. All merchandise sold on this invoice remains the vendor's property until this invoice is paid in full.
TERMS: Payment due on 10th day of the following month.

Aucun remboursement sans cette facture. Net 30 jours, 2% de frais d'intérêt par mois (24% par année) sur compte en souffrance. 20% de frais de manutention sur toute marchandise retournée. Clause pénale une indemnité de 25% sera chargée sur compte sujet à des procédures légales. Les marchandises mentionnées sur cette facture demeurent la propriété du vendeur tant qu'elles ne seront pas entièrement payées. Pièces électriques non-retournables.
TERMS: Compte payable le 10 du mois suivant.

C-67370

SIGNATURE _____

GST / TPS
10035 3366 RT0001

1000 RUE LANDSDOWNE HAWKESBURY, ON K6A 1H7
TEL: (613)632-1191 FAX: (613)632-2350

TVQ
1016330716 TQ0001

GST# 892729922R70001 WE APPRECIATE YOUR BUSINESS AND THANK YOU PLEASE HELP US
TO IMPROVE BY COMPLETING OUR SURVEY WE VALUE YOUR OPINION WWW.BEVERLYTIRE.COM

113336 (613)632-5200		113336		DATE: 1/24/10 12:38 11MLMLP					
PART AEROSPACE LTD. 2270 ABERDEEN STREET		SHAWINIGAN A		PO: 12978					
HAWKESBURY ON K6A 1K7		SAME		10/11/05					
ORD / COM	SHIP / EXP	CODE	PART No / PIÈCES	DESCRIPTION	LIST EACH / CHACUN	COST / COUTANT	EXTENSION		
50	50	TWD	CHM10601 ✓	6 CONV. MIRROR, S/ BOV: TWD	19.26	18.95	947.50		
	50	***	twd 57174.00	PIECES/CORE TOT 243					
			SHIP VIA						
INVOICE No / FACTURE		TYPE / SORTE		TOTAL	DISC / ESC	FRT / TRANS	GST / TPS	PST / TVQ	AMT to PAY / A PAYE
11051046		INVOICE		947.50	0.00	0.00	123.18	0.00	1070.68